

Cygnus Orb-D1 Rendezvous Timeline

	Event	GMT	PET
	Go/No-Go for Joint Ops	272/04:30:00	-0/04:04:29
	Joint Targeting Reference Point (JTRP) Arrival	272/06:57:29	-0/01:37:00
	Go/No-Go 1 (ADV1 and ADV2)	272/07:04:29	-0/01:30:00
	ADV1 Burn	272/07:13:06	-0/01:21:23
	ADV2 Burn	272/07:56:06	-0/00:38:23
	Range = 6km (Disable SCAN)	272/07:59:29	-0/00:35:00
	ISS Maneuver to Docking Attitude (Start)	272/08:14:29	-0/00:20:00
	ISS Maneuver to Docking Attitude (Stop)	272/08:19:29	-0/00:15:00
	Go/No-Go 2 (ADV3 and ADV4)	272/08:19:29	-0/00:15:00
	ADV3 (Approach Initiation) Burn	272/08:34:29	+0/00:00:00
	Sunrise	272/08:38:36	+0/00:04:06
	Range = 1000m	272/08:42:41	+0/00:08:12
	ADV4 Burn	272/08:49:10	+0/00:14:41
	First 250m Departure	272/09:11:29	+0/00:37:00
	Retreat Demo Start	272/09:14:29	+0/00:40:00
	Retreat Demo End/Second 250m Arrival	272/09:20:29	+0/00:46:00
	Second 250m Departure	272/09:25:29	+0/00:51:00
	Hold Demo Start/220m Arrival	272/09:28:29	+0/00:54:00
	Sunset	272/09:38:35	+0/01:04:06
	Go/No-Go Inside KOS	272/10:08:29	+0/01:34:00
	Sunrise	272/10:11:29	+0/01:37:00
	Capture Attempt 1: Earliest GO for Capture (Sunrise + 1 min)	272/10:12:29	+0/01:38:00
	Departure from 220m Hold Point	272/10:13:29	+0/01:39:00
	Range = 100m	272/10:23:29	+0/01:49:00
Nominal Capture Window	Capture Attempt 1: Earliest CP Arrival (Sunrise + 15 min)	272/10:26:29	+0/01:52:00
	30m Hold Point Arrival	272/10:37:29	+0/02:03:00
	30m Hold Point Departure	272/10:52:29	+0/02:18:00
	Capture Point Arrival	272/11:01:29	+0/02:27:00
	Go/No-Go for Capture	272/11:06:29	+0/02:32:00
	ISS Attitude Hold with Desats Inhibited	272/11:09:29	+0/02:35:00
	Capture	272/11:11:29	+0/02:37:00
	Sunset	272/11:11:31	+0/02:37:01
	ISS USTO After Cygnus Capture	272/11:13:29	+0/02:39:00
	Capture Attempt 1: Latest GO for Capture (Sunrise - 15 min)	272/11:29:23	+0/02:54:54
Capture Attempt 1: Latest CP Arrival (Sunrise - 5 min)	272/11:39:23	+0/03:04:54	
	Sunrise	272/11:44:23	+0/03:09:54
	Capture Attempt 2: Earliest GO for Capture (Sunrise + 1 min)	272/11:45:23	+0/03:10:54
Backup	Capture Attempt 2: Earliest CP arrival (Sunrise + 15 min)	272/11:59:23	+0/03:24:54
	Sunset	272/12:44:27	+0/04:09:57
	Capture Attempt 2: Latest GO for Capture (Sunrise - 15 min)	272/13:02:17	+0/04:27:47
	Capture Attempt 2: Latest CP Arrival (Sunrise - 5 min)	272/13:12:17	+0/04:37:47
	Sunrise	272/13:17:17	+0/04:42:47